

For convenience, DTS offers time history filters and several calculation routines that allow the user to perform basic post-processing functions within the DAS control software. We have done our best to implement these routines in compliance with industry standards and recommended practices.

For example, all filters that are labeled as CFC 60, 180, 600 and 1000 employ a “phaseless” low-pass filtering algorithm that is verified to fit the performance corridors as referenced in the current version of SAE J211 (March 2014) Section 8.4.1 – Digital Filtering.

It must be noted that SAE J211 and ISO 6487 require that “total system response” meet the performance requirements; this includes sensors, cabling, etc. It is therefore the end user’s responsibility to ensure that all components and software used to collect and process data are compliant with applicable requirements.

For more information on SAE and ISO standards, please see their respective websites:

SAE J211: <https://www.sae.org/>

ISO: <https://www.iso.org/home.html>